

03-31-04

EL 991954097-US

3753 \$
PTO/SB/21 (08-00)JC110
MAR 30 2004
O I P E
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FORM

(to be used for all correspondence after initial filing)

Application Number	09/652,770
Filing Date	August 31, 2000
First Named Inventor	Pumm et al
Group Art Unit	3753
Examiner Name	George L. Walton

Total Number of Pages in This Submission

Attorney Docket Number 7578W-000121 (6103-0121)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Technology center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment and Response C	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Check \$176
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Return Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	RECEIVED
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Express Mail No. EL 991954097US	APR 07 2004

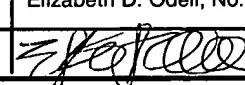
TECHNOLOGY CENTER R3700

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Elizabeth D. Odell, No. 39,532 Harness, Dickey & Pierce, P.L.C.
Signature	
Date	March 30, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Typed or printed name	Elizabeth D. Odell, No. 39,532
Signature	
Date	March 30, 2004

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EL 991954097 US

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL
for FY 2004

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 176)

Complete if Known

Application Number 09/652,770

Filing Date August 31, 2000

First Named Inventor Pumm et al

Examiner Name George L. Walton

Art Unit 3753

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APR 07 2004

TECHNOLOGY CENTER 3700

Attorney Docket No. 7578W-000121 (6103-0121)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
Order Deposit Account:Deposit
Account
Number

08-0750

Deposit
Account
Name

Hamess, Dickey & Pierce, P.L.C.

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80

SUBTOTAL (1)

(\$ 0)

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	41	-36 **	= 5	X 18 = 90
Independent Claims	7	-6 **	= 1	X 86 = 86
Multiple Dependent			X	= 0

Large Entity

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Description
1202	18	Claims in excess of 20
1201	86	Independent claims in excess of 3
1203	290	Multiple dependent claim, if not paid
1204	86	** Reissue independent claims over original patent
1205	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 176)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900

Other fee (specify) _____

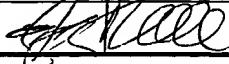
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Elizabeth D. Odell	Registration No. Attorney/Agent	39,532	Telephone	(314) 726-7500
Signature				Date	March 30, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EL 991954097 US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/652,770

Filing Date: August 31, 2000

Applicant: Pumm et al.

Group Art Unit: 3753

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APR 07 2004

Examiner: George L. Walton

TECHNOLOGY CENTER R3700

Title: SINGLE COIL TWO OPERATOR CONTROLLER

Attorney Docket: 7578W-000121 (6103-0121)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT AND RESPONSE C

Sir:

In response to the Office Action mailed December 30, 2003, please amend the application as follows and consider the remarks set forth below.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 14 of this paper.

04/01/2004 555555E1 00000002 09652770
01 FC:1202
02 FC:1201
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